What is claimed is:

1. A high-density recording medium, comprising:

at least one playback allowance code, which is adapted to determine region-based allowance of playback of data recorded on the recording medium, while being recorded in a part of user control data, having a predetermined recording size, recorded on the recording medium.

2. The high-density recording medium according to claim 1, wherein an address unit number or user data is recorded in a procedure of manufacturing the recording medium or recording data on the recording medium, the address unit number or user data being in a state of being scrambled by being logically combined with said at least one playback allowance code scrambled.

3. The high-density recording medium according to claim 2, wherein said at least one playback allowance code comprises a code for a playback-allowed region, while the code being recorded with a playback allowance code value used, in a scrambled state, to be logically combined with the address unit number or user data.

4. The high-density recording medium according to claim 2, wherein said at least one playback allowance code comprises a code for a playback-inhibited region, while the code being recorded with an optional value other than a playback allowance code value used, in a scrambled state, to be logically combined with the address unit number or user data.

5. The high-density recording medium according to claim 1, wherein the playback allowance code is used to de-scramble the address unit number or user data when the recording medium is played back.

6. The high-density recording medium according to claim 1, wherein the playback allowance code is recorded in a part of the user control data.

7. A method for reproducing data of a high-density recording medium, comprising the steps of:

(A) identifying region identification information stored in a recording/reproducing apparatus, and detecting a region-based playback allowance code, corresponding to the identified region identification information, from user control data recorded on the recording medium; and

(B) de-scrambling a scrambled address unit number read from the optical disc, based on the detected playback allowance code, and performing a data reproducing operation by referring to the de-scrambled address unit number.

8. The region-based data reproducing method according to claim 7, wherein the region identification information is intrinsic region identification information for a region where the recording/reproducing apparatus is to be sold and used.

9. The region-based data reproducing method according to claim

7, wherein the step (B) comprises the step of logically combining the detected playback allowance code with the scrambled address unit number read from the recording medium, thereby de-scrambling the scrambled address unit number into an original address unit number.

10. A method for reproducing data of a high-density recording medium, comprising the steps of:

identifying region identification information previously stored in a recording/reproducing apparatus, and detecting a region-based playback allowance code, corresponding to the identified region identification information, from user control data recorded on the recording medium; and

de-scrambling a scrambled user data read from the recording medium, based on the detected playback allowance code, and performing a reproducing operation.

11. A method for reproducing data of a high-density recording medium, comprising the steps of:

(A) comparing a region-based playback allowance code from user control data recorded on the recording medium with a predetermined code set in a recording/reproducing apparatus; and

(B) determining whether or not to de-scramble a scrambled user data based on the comparing result.

12. A method of claim 11, wherein the scrambled user data is de-scrambled only when the region-based playback allowance code is equal to the predetermined code.

13. A method of claim 11, wherein the selected region-based playback allowance code has at least two kinds of codes.

14. A method of recording data on a high-density recording medium, comprising the steps of:

(A) selecting a region-based playback allowance code in order to restrict a playback, the region-based playback allowance code being unique to at least one region; and

(B) scrambling a user data or an address unit based on the selected region-based playback allowance code.

15. A method of claim 14, further comprising the step of:

(C) recording the scrambled user data or address unit with the selected region-based playback allowance code on the high-density recording medium.

16. A method of claim 14, wherein the selected region-based playback allowance code has at least two kinds of codes.

17. A method of recording data on a high-density recording medium, comprising the steps of:

(A) selecting a region-based playback allowance code in order to restrict a playback, the region-based playback allowance code being unique to at least one region;

(B) scrambling a user data or an address unit based on the selected region-based playback allowance code; and

(C) recording the scrambled user data or address unit, and non region-based playback allowance code along with the selected region-based playback allowance code on the high-density recording medium.

18. A high-density recording medium, comprising:

at least one playback allowance code, which is adapted to determine region-based allowance of playback of data recorded on the recording medium, while being recorded in a part of user control data and being used for scrambling or de-scrambling of user data or address unit data recorded on the recording medium; and

at least one no playback allowance code.